



Let's turn the eco-wheel!

Trial of new city electric sharing

Type of pedagogical project, activity, action, accompanying	Project
Key words of relevant disciplines/ Pedagogical content	Mobility, transport
Problematic	How can we modify our travel habits using ecological and sustainable transportation?
Thematic	Transport, air pollution
Disciplines (sciences, geography)	<i>Sciences, Gym, Civic education</i>
Pedagogical Objectives/New targeted skills	<p>The students will be able to:</p> <ul style="list-style-type: none"> - understand the impacts of motor vehicles on Climate Change - be aware of their role in the process of air pollution - recognize the possibility of making choices when using means of transportation - understand the positive sides of using bicycle related to Climate Change and health - use the application for ecological, sustainable transport
Public target(s) (age, requested skills...)	Students of all ages
Description (step by step)	<p>Step 1)</p> <p>The teacher presents to students the concept of carbon footprints. The students calculate their carbon footprint. Discussion on the role that each of us plays in air pollution.</p> <p>Objective: understanding the role of each individual in the process of air pollution</p>





	<p>Step 2) Students watch the short movie related to the impacts of motor vehicles on air pollution and Climate Change Objective: understanding the impacts of motor vehicles on Climate Change</p> <p>Step 3) Survey for students on their travel habits, and how often they use different means of transportation. The survey is analysed together with the teacher. Students give their proposals on potential changes in the travel habits towards more ecological means, and using bikes is one of the options. Objective: recognizing the possibility of making choices when using means of transportation; understanding the positive sides of using bicycle related to Climate Change and health</p> <p>Step 4) The teacher presents to the students the app for city electric bike sharing, and students download the app on their smartphones. They all decide when using the app and the bike sharing service (for example 1 week). Objective: use of the application for ecological, sustainable transport</p> <p>Step 5) After the bike-week, teacher and students analyse the experience and the students' impressions. The students fill the survey on the travel habits again (as in the previous step), and they compare the difference in the results (if it exists). The discussion on the results follows. Objective: to see if the students' habits and behaviours have changed</p>
<p>Place (meeting room, outside space, ...)</p>	<p>Classroom and outdoor spaces</p>
<p>Individual and / or collective actions</p>	<p>Collective and individual</p>
<p>Material needed</p>	<p>Downloading the app for city electric bike sharing for free, survey for students on their travel habits, carbon footprint calculator (for example https://www.carbonfootprint.com/calculator.aspx), short movie or animation</p>





	about the impacts of motor vehicles on air pollution and Climate Change (for example https://www.youtube.com/watch?v=FLFA38trGO0)
Duration of pedagogical project or activity	Two weeks
Evaluation of the new acquired skills	The final survey in which students' travel habits are compared will show if the students understood and adopted the concept of more ecological and more sustainable transport. After some time, for example one month, the survey can be repeated to see if these changes in students' habits and behaviours are permanent.
Eco-citizen adaptation, knowledge enhancement and links to other topics	<p>Link to: Drawing your climate reality/Change year, use your head</p> <p>-----Organise the links in the different language in this setting-----</p> <p>Croatian:</p> <ul style="list-style-type: none"> • https://www.nextbike.hr/hr/zagreb/ <p>Greek:</p> <ul style="list-style-type: none"> • http://www.ecomobility.gr/ (Ecomobility Project in Greece) <p>Italian:</p> <ul style="list-style-type: none"> • https://www.youtube.com/watch?v=vdXRb3zWa2A video in ITA with Mario Tozzi about pollution in cities: <p>French:</p> <ul style="list-style-type: none"> • http://www.tcra.fr/presentation/?rub_code=8
Observations	





Pictures



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